
Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. A remote image data processing system for use in an aircraft comprising:
 - a. image sensing means to receive an image of the object of interest;
 - b. means for adjusting the sensing means line of sight (LOS);
 - c. means for determining and recording a geographical position of the image ~~sensor~~ (sensing means);
 - d. means for determining and recording a LOS angle of image data relative to the image ~~sensor~~ (sensing means);
 - e. means for transmitting the image of the object, geographical position of image ~~sensor~~ (sensing means) and LOS angle of image as data in an electronic format;
 - f. means for receiving transmitted images, sensor position, and the LOS angle as data;
 - g. means for storing image, geographic position and LOS angle data in a storing medium (hereinafter, storage means);
 - h. means for processing image data to identify potential objects of interest for subsequent operator review, to determine geographic location of the object and to track location of sensor relative to the object;
 - k. means to store processed images data;
 - l. means to retrieve processed images and object's geographic position from storage for display;

-
- m. means to visually display processed image data to human operator.
2. A remote image data processing system as claimed in Claim 1, wherein the image ~~detector~~ (sensing means) is a low resolution infrared sensor.
 3. A remote image data processing system as claimed in Claim 1, wherein the image ~~detector~~ (sensing means) is a video camera.
 4. A remote image data processing system as claimed in Claim 1, wherein the image ~~detector~~ (sensing means) is a synthetic aperture radar.
 5. A remote image data processing system as Claimed in claim 1, wherein the image ~~sensor~~ (sensing means) includes a means for resolving images.
 6. A remote image data processing system as claimed in Claim 5, wherein the means for resolving visual images is a telephoto lens.
 7. A remote image data processing system as claimed in Claim 1, wherein the means for adjusting the image ~~sensor's~~ (sensing means) line of sight is a one axis slewable mirror.
 8. A remote image data processing system as claimed in Claim 1, wherein the means for adjusting the image ~~sensor's~~ (sensing means) line of sight is a three axis pan and tilt mechanism.
 9. A remote image data processing system as claimed in Claim 1, wherein the image ~~storage unit~~ (storage means) allows unfiltered, real time display of image data.
 10. A remote image data processing system as claimed in Claim 1 wherein the image processing means allows display of image data on a frame by frame basis.

-
11. A remote image data processing system as claimed in Claim 1 wherein the ~~image processing~~ means (for processing image data) allows means for operator control and adjustment of the speed of visual display of processed image data; (.)
 12. A remote image data processing system as claimed in Claim 1 wherein the ~~image processing~~ means (for processing image data) may be bypassed to allow real time review of images and image data by operator;
 13. A remote image data processing system as claimed in Claim 1, wherein the ~~image processing unit image processing~~ (means for processing image data) allows operator to select an object of interest and return the image sensor to the object's location.
 14. A remote image data processing system as claimed in Claim 1, wherein the ~~image processing unit means~~ (means for processing image data) alerts the operator when the image data processor identifies an object of interest.

Claims 15-27 (Canceled).